CLAIMS

What is claimed is:

1. A method for analyzing a system, comprising:

   producing a runtime log in Extensible Markup Language, the runtime log containing information about an event during the operation of the system.

2. A method according to claim 1, wherein the runtime log contains a number of events and a partial sequence of events is described using the runtime log.

3. A method according to claim 2, wherein the partial sequence of events is described using a Happened-Before-Relation.

4. A method according to claim 3, wherein said generating includes details of first parameters of an event in the runtime log to at least one of identify the event and indicate whether the event is a local event, a registration event or a communication event.

5. A method according claim 4, wherein said generating includes details of second parameters of a system component initiating the event, by which the system component can be identified.

6. A method according to claim 5, wherein the system component at least one of receives and sends a message.

7. A method according to claim 6, wherein said generating includes details of third parameters of the message in the runtime log to identify the message.

8. A method according to claim 7, further comprising verifying the runtime log for correct XML syntax.

9. A method according to claim 8, further comprising processing the runtime log by Extensible Style-Sheet Language Transformation resources.

10. A method according to claim 9, wherein said processing by the Extensible Style-Sheet Language Transformation resources includes application of a filter function.

11. A method according to claim 10, wherein said processing by the Extensible Style-Sheet Language Transformation resources generates a modified runtime log in XML from the runtime log.

12. A method according to claim 11, wherein said processing by the Extensible Style-Sheet Language Transformation resources includes application of a visual display function.

13. A method according to claim 12, wherein a number of Extensible Style-Sheet Language Transformation resources are used, which can be combined and executed in any sequence.

14. A computing system, comprising:
a data processing unit programmed to produce a runtime log in Extensible Markup Language, the runtime log containing information about an event during the operation of the computing system.

15. At least one computer readable medium storing instructions to control a data processing unit to perform a method comprising:
producing a runtime log in Extensible Markup Language, the runtime log containing information about an event during the operation of the system.